

$$G(x) = \sum_{i=1}^N \mu_i g_i(x)$$

$$\sum_{i=1}^N \mu_i = 1 \quad \mu_i \geq 0$$

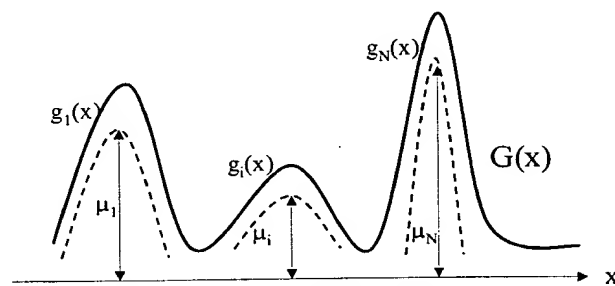
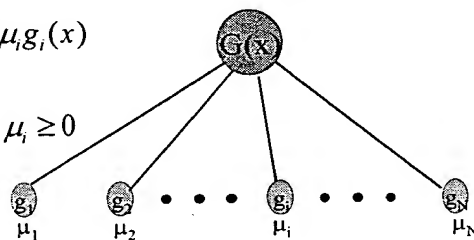


Illustration in 1 dimension

FIG. 1A

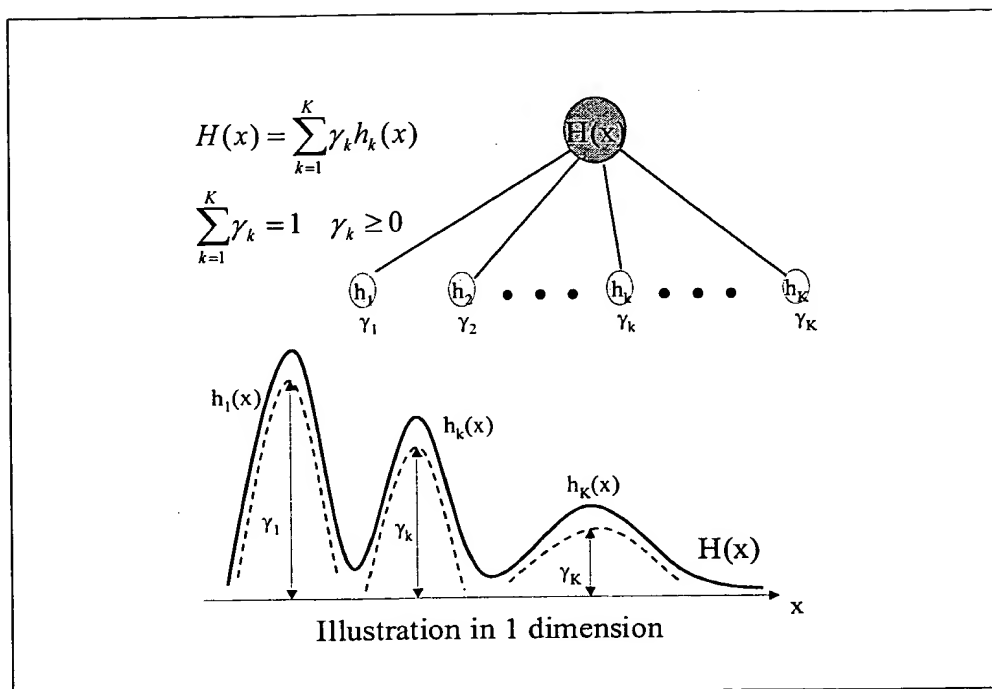


FIG. 1B

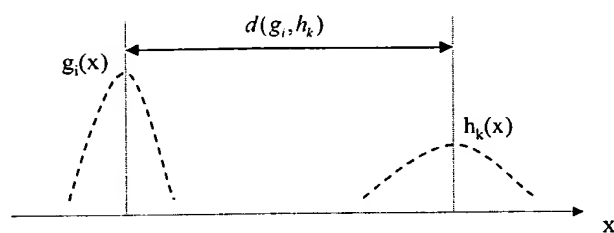


Illustration of element distance

FIG. 1C

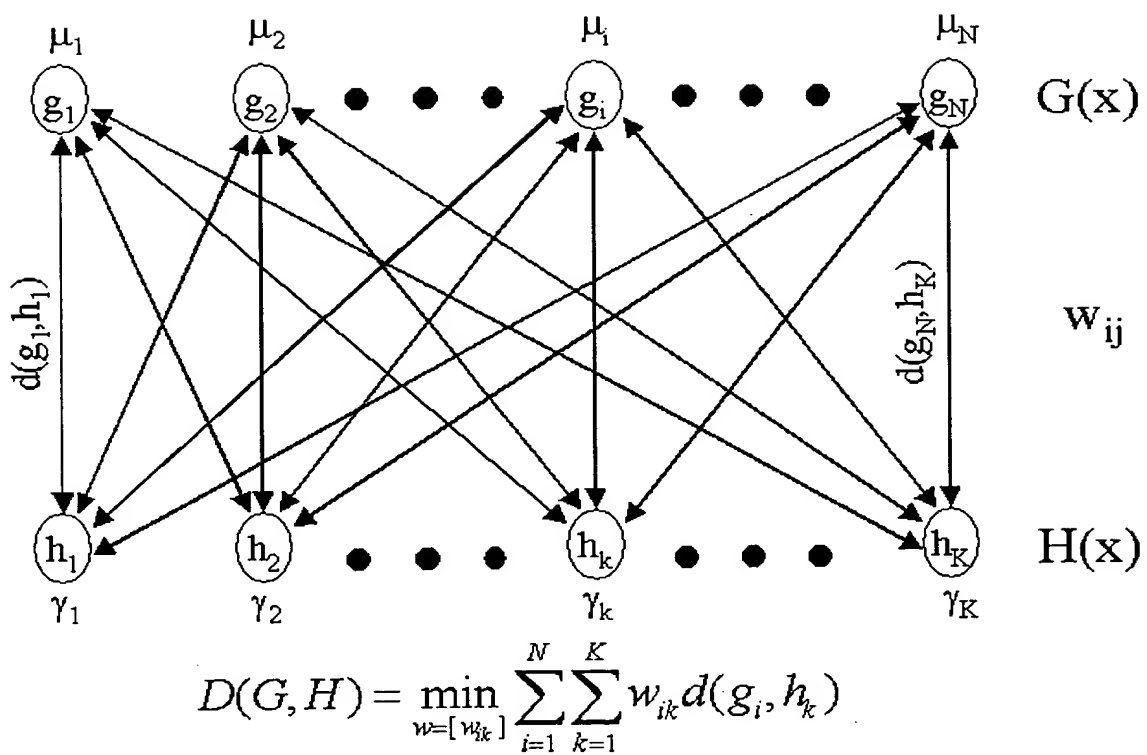


FIG. 1D

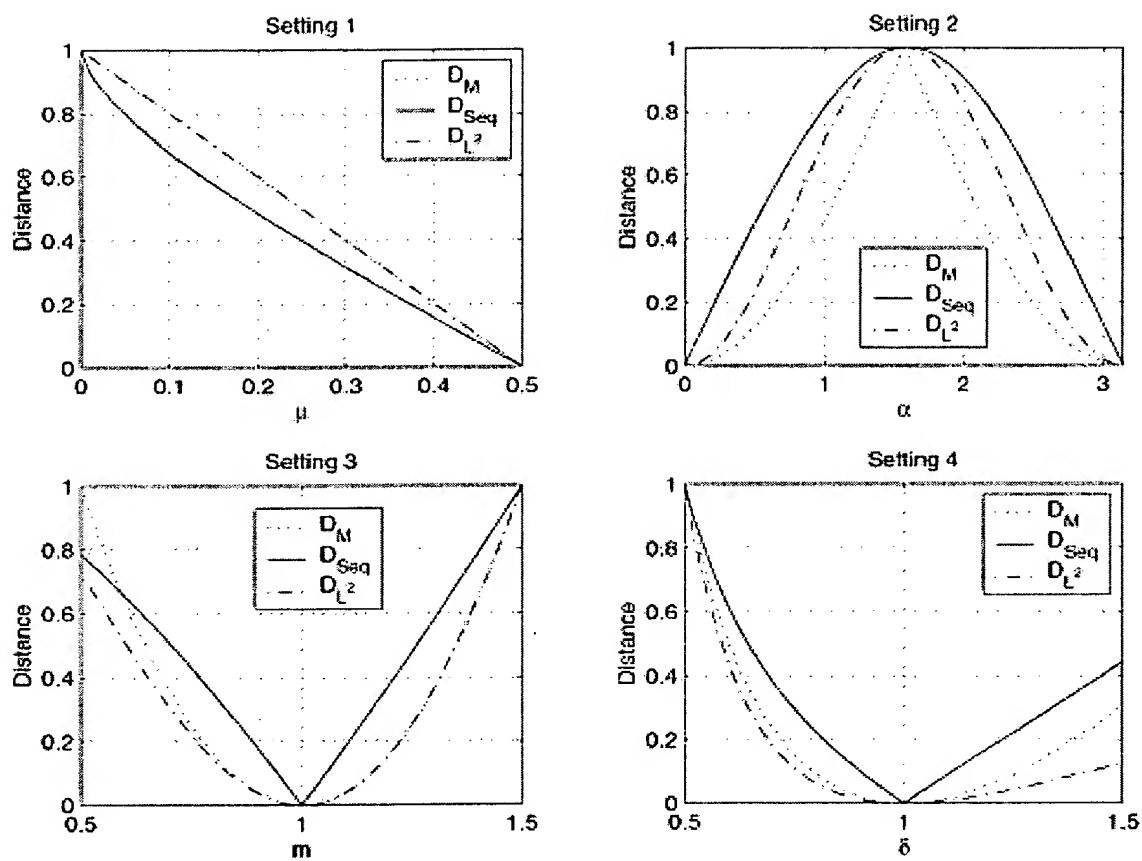


FIG. 2

Figure 1 is a line graph titled "FR-RR graphs of 3 Distance Measure". The x-axis is labeled "FR" (False Rate) and ranges from 0 to 0.2 with major ticks every 0.02. The y-axis is labeled "RR" (Recall Rate) and ranges from 0 to 0.8 with major ticks every 0.1. There are three curves plotted: a solid line for D_{Seq} , a dashed line for D_{ME2} , and a dash-dot line for D_{ME3} . All three curves start at the origin (0,0) and increase monotonically. The D_{Seq} curve is the highest, followed by D_{ME2} , and then D_{ME3} . A legend in the bottom right corner identifies the lines.

FR	D_{Seq} (RR)	D_{ME2} (RR)	D_{ME3} (RR)
0.00	0.00	0.00	0.00
0.02	0.40	0.30	0.25
0.04	0.48	0.40	0.35
0.06	0.55	0.48	0.42
0.08	0.60	0.55	0.48
0.10	0.65	0.60	0.52
0.12	0.68	0.65	0.58
0.14	0.70	0.68	0.62
0.16	0.72	0.70	0.65
0.18	0.74	0.72	0.68
0.20	0.76	0.74	0.70

FR-RR graphs of 3 Distance Measure

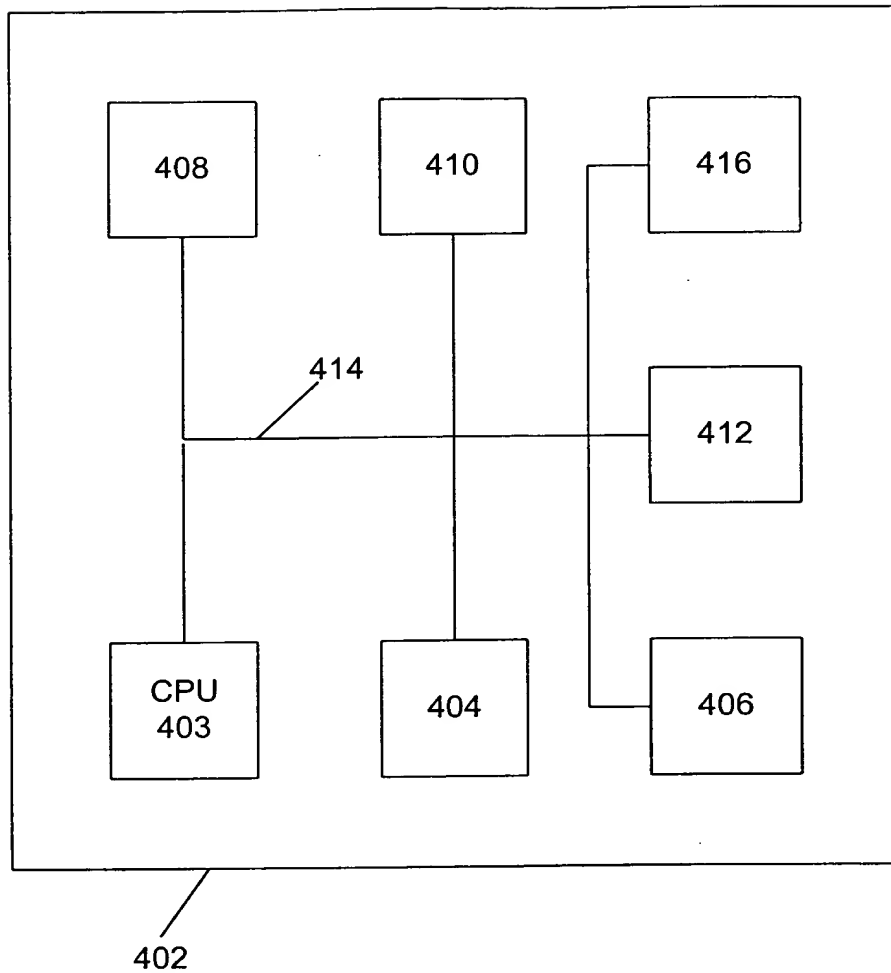


FIG. 4